

NOTICE OF RELEASE OF 'IMMIGRANT' FORAGE KOCHIA

U.S. Department of Agriculture Forest Service
Intermountain Forest and Range Experiment Station

and

Utah State Division of Wildlife Resources

and

U.S. Department of Agriculture Soil Conservation Service

and

University of Idaho Agricultural Experiment Station

and

University of Nevada Agricultural Experiment Station

and

Oregon State University Agricultural Experiment Station

and


Utah State University Agricultural Experiment Station'

Announce the release and naming of 'Immigrant' Forage Kochia, (Kochia prostrata (L.) Schrad). Immigrant was introduced from the Stravropol Botanical Garden, USSR. It has been tested by the Soil Conservation Service in Idaho, Utah, Arizona, and New Mexico. Additional testing has been done by the Utah Wildlife Resources in 16 Utah counties; by USDA Forest Service Intermountain Forest and Range Experimental Stations in Utah, Nevada, Wyoming, and Idaho; Pacific Northwest Forest and Range Experiment Station in Oregon; and the Rocky Mountain Forest and Range Experiment Station in New Mexico. The USDA Agricultural Research Service has tested Immigrant in Oregon, Nevada, Wyoming, and Utah.

Immigrant is a perennial semi-evergreen subshrub adapted to greasewood-shadscale, sagebrush-grass, and pinyon-juniper rangelands in the inland west. It is an improved strain selected for its ability to compete with cheatgrass and halogeton on depleted rangelands.

Immigrant Forage Kochia has excellent forage quality in spring, summer, and fall. Sheep, cattle, and deer find it palatable. Immigrant has performed well on low and intermediate rainfall areas (8 to 27 inches average annual precipitation). Important characteristics exhibited by Immigrant are: ability to establish and persist on disturbed harsh soils, fairly high salt and drought tolerance, tolerance to temperature extremes (-25° to 104° F.), low oxalate levels, ability to spread rapidly from seed, high seed production, moderate shade tolerance, good palatability for livestock and big game, food and cover for upland game birds, fair fire tolerance, compatibility with other perennials, competitiveness towards annuals and the ability to increase fall and winter forage quality of perennial grass stands.

Breeder seed will be maintained by the Aberdeen Plant Materials Center, Aberdeen, Idaho. Recognized classes of seed are breeders, foundation, registered, and certified. Foundation seed will be available from the Aberdeen Plant Materials Center in early 1985 through soil conservation districts, agricultural experiment stations, and crop improvement associations. Registered and certified seed should be available in the fall of 1986.



Laurence E. Lassen, Station Director
USDA-Forest Service, Intermountain Forest and Range
Experiment Station

2/18/84

(Date)



Douglas E. Day, Director
Utah Division of Wildlife Resources

2/22/84

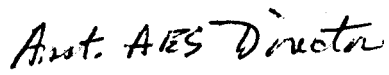
(Date)



*Stanley N. Hobson, State Conservationist
USDA-Soil Conservation Service, Idaho

2/13/84


(Date)

Dr. Lee A. Bulla, Director
University of Idaho Agricultural Experiment Station

03/02/84

(Date)



Dr. Doyle J. Matthews, Director
Utah State University Agricultural Experiment Station

03/08/84

(Date)

John R. Davis
Dr. J. R. Davis, Director
Oregon State University Agricultural Experiment Station

Mar 14 1984
(Date)

Thomas M. Shiflet
Thomas Shiflet, Director
Ecological Sciences and Technology Division
USDA-Soil Conservation Service, Washington, D.C.

3/22/84
(Date)

Bernard M. Jones
Dr. Bernard Jones, Dean and Director
Nevada Agricultural Experiment Station

3-30-84
(Date)

*Stanley N. Hobson signing for State Conservationists of Idaho, Utah, Oregon, and Nevada.